

FIG. 1

002240" E2265560

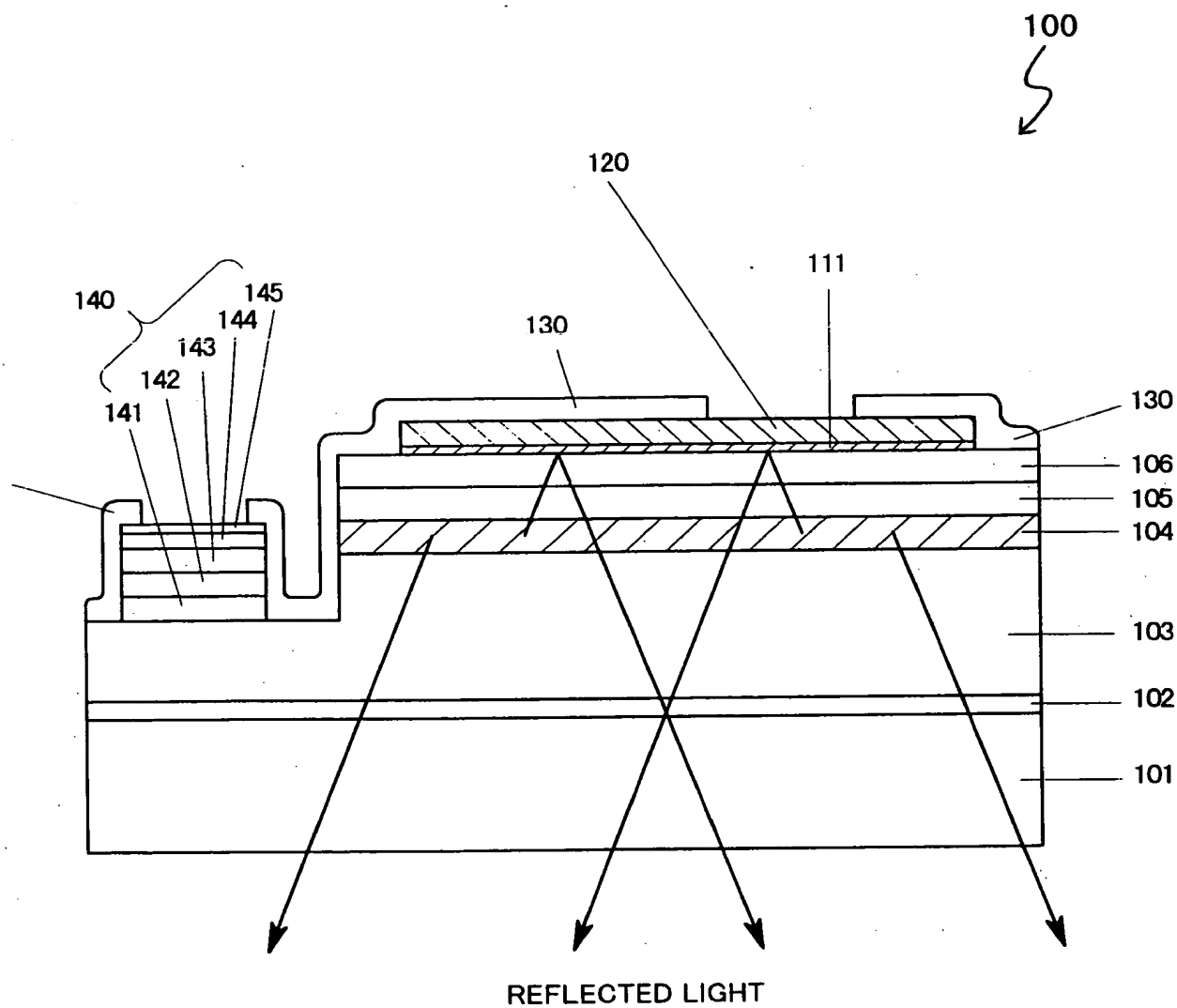


FIG. 2

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200

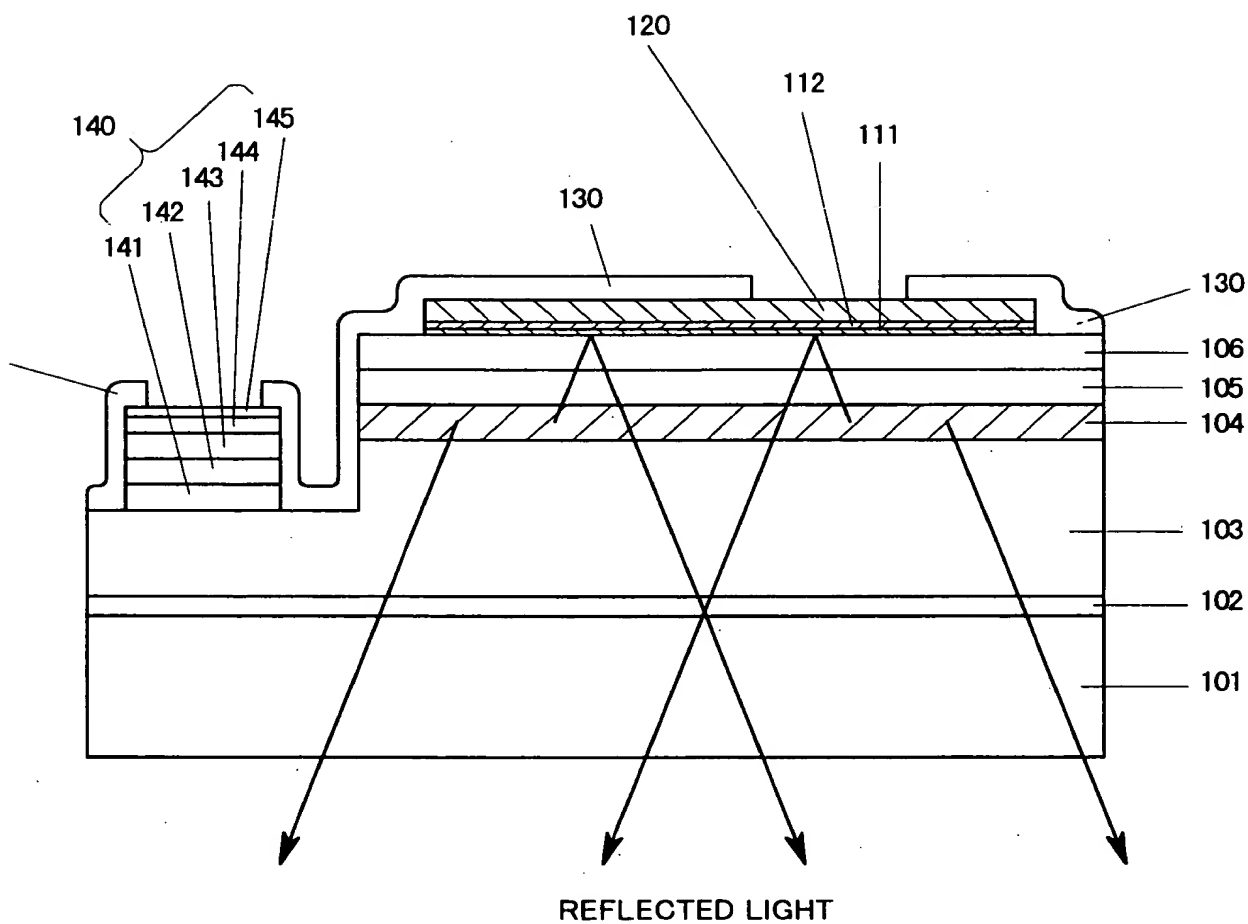


FIG. 3

ITEM	TECHNOLOGY DIVISION	STRUCTURE	POSITIVE ELECTRODE	FIRST THIN-FILM METAL LAYER	SECOND THIN-FILM METAL LAYER	RELATIVE LUMINOUS INTENSITY	ADHESIVENESS
1	PRIOR ART	LIGHT-EMITTING DEVICE 400	Co ( 3000 Å )	-	-	100	◎
2			Ni ( 3000 Å )	-	-	100	◎
3	P R E S E N T I N V E N T I O N	LIGHT-EMITTING DEVICE 150	Ag ( 3000 Å )	-	-	160	○ <sup>-</sup>
3.1			Rh ( 3000 Å )	-	-	140	◎
4		LIGHT-EMITTING DEVICE 100	Ag ( 3000 Å )	Co ( 10 Å )	-	150	○
5			Rh ( 3000 Å )	Co ( 10 Å )	-	130	○
6			Pt ( 3000 Å )	Co ( 10 Å )	-	110	○
7			Pd ( 3000 Å )	Co ( 10 Å )	-	110	○
8		LIGHT-EMITTING DEVICE 200	Ag ( 3000 Å )	Co ( 10 Å )	Au ( 150 Å )	150	◎

◎ : EXCELLENT    ○ : GOOD    ○<sup>-</sup> : inferior than GOOD but usable

FIG. 4

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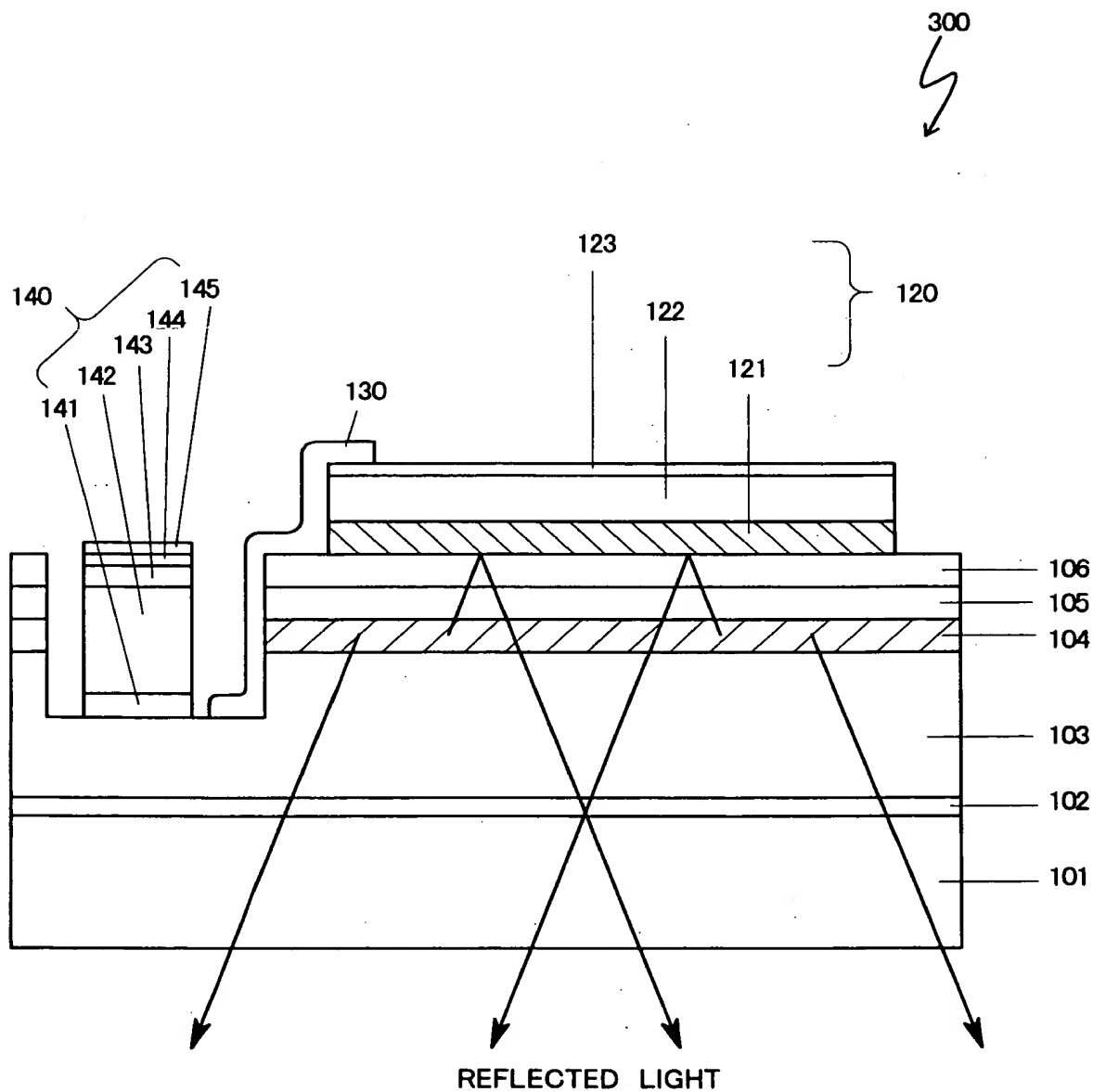


FIG. 5A

PRIOR ART		100
PRESENT INVENTION	Pt	130
	Rh	140

FIG. 5B

	INITIAL LUMINOUS INTENSITY	100 h LATER	1000 h LATER
PRIOR ART	100	90	85
PRESENT INVENTION	100	95	90

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FIG. 6

METAL	EVALUATION ITEMS					
	①	②	③	④	⑤	⑥
Rh	⊙	⊕	⊕	⊕	○	⊙
Pt	○	○	○	○	△	○
Ru	○	○	○	○	△	○
Ag	⊙	○	△	△	△	○ <sup>-</sup>
Pd	○	○	△	○	△	○ <sup>-</sup>
Al	⊙	△	△	△	×	△
Ni	△	○	○	○	○	△
Co	△	○	○	○	○	△
Mg	○	△	○	×	△	△ <sup>-</sup>
Sn	○	×	×	△	UNIDENTIFIED	×

⊙ : EXCELLENT    ○ : GOOD    △ : MEDIOCLE    × : BAD    ⊕ : better than ○    ⊕<sup>+</sup> : worse than ○<sup>-</sup>

FIG. 7 (PRIOR ART)

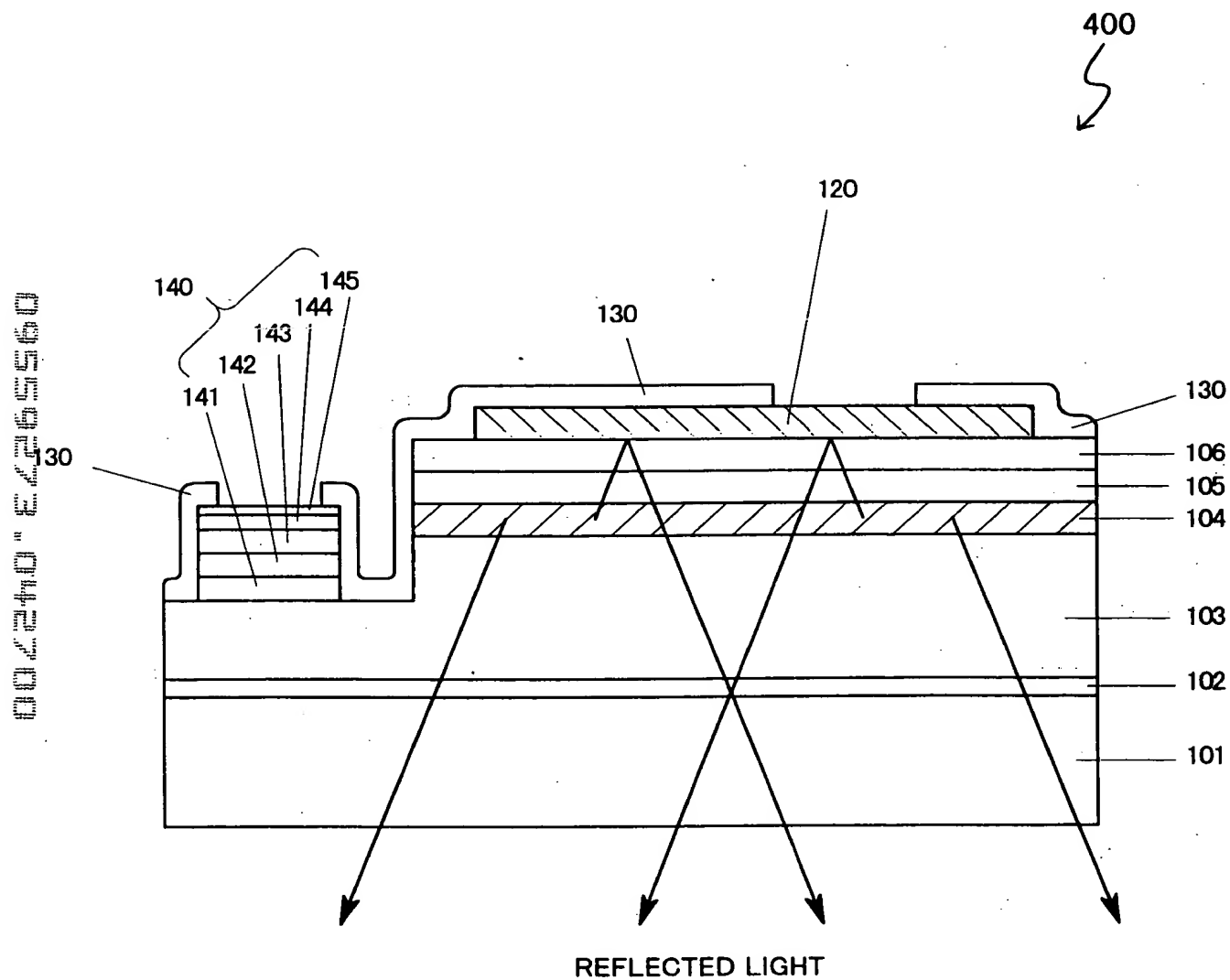


FIG. 8

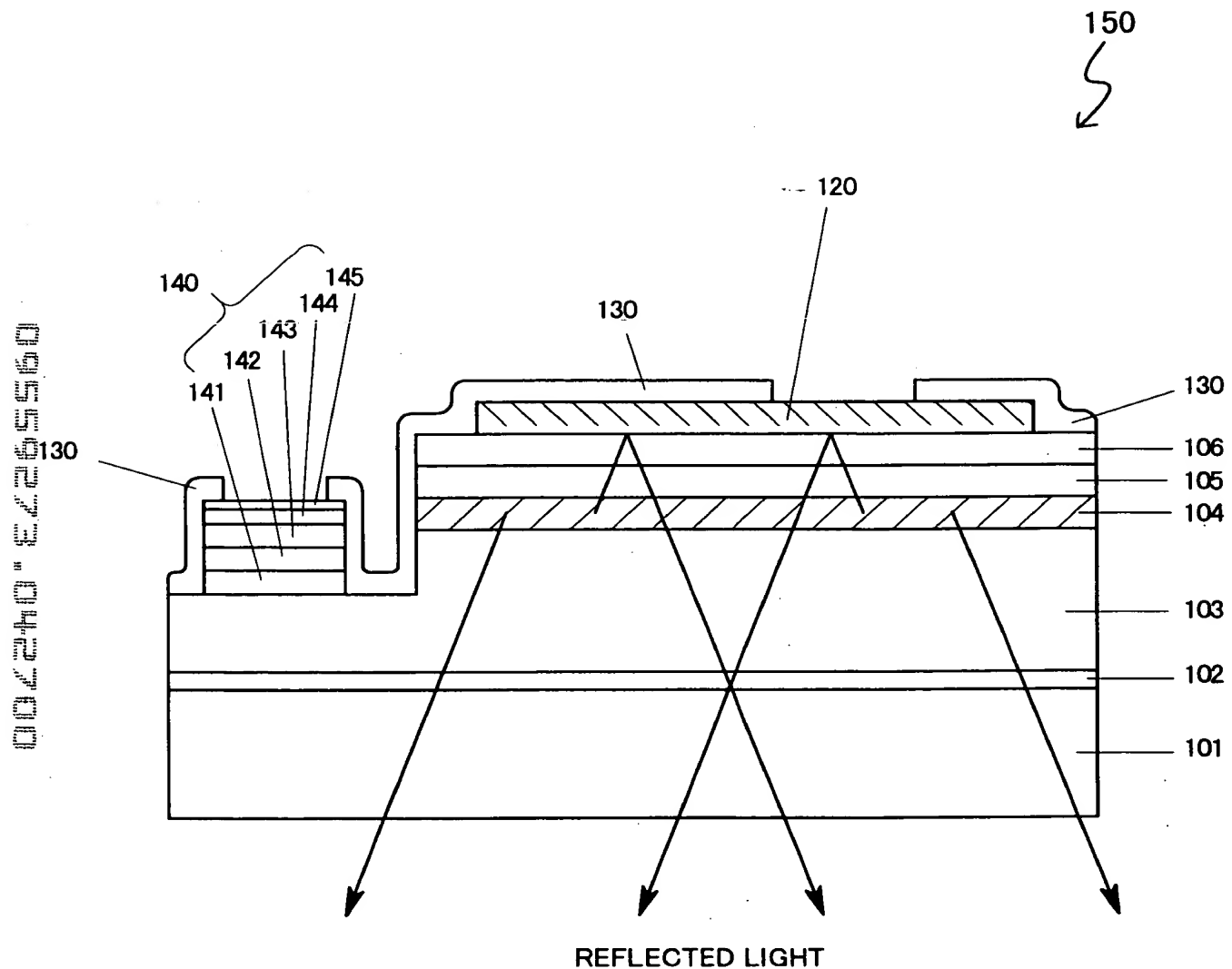
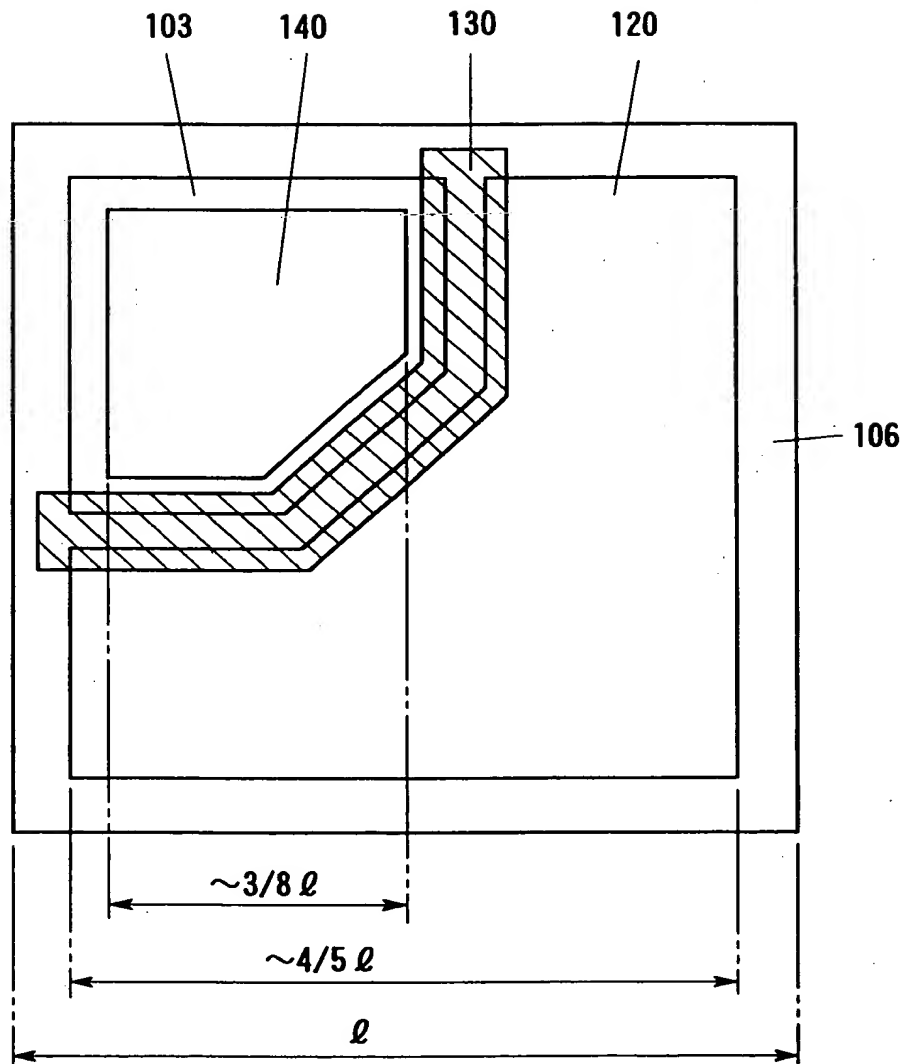




FIG. 9

500  
↓



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FIG. 10

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